

WINGUARD GLASS FLAKE COATING SYSTEM

Novalac Vinyl Ester Glass Flake Coating

- PRODUCT DESCRIPTION:**

Winguard glass flake is a two-pack cold cured Modified Vinyl-Ester Novalac Glass Flake Resin based coating system reinforced with treated micronized glass flake.

- PRODUCT CHARACTERISTICS:**

Provides a tough impermeable barrier for both Steel and Concrete substrates which require superior anti-corrosion protection against corrosive chemical environment both immersed and gaseous. Has excellent corrosion resistance at elevated temperature's, good thermal ageing properties, apart from anti-abrasive qualities. The coating is maintenance free, have a long life and coupled with ease of reparability makes the system's very useful and economical.

- RECOMMENDATION:**

Suitable for most chemicals through the pH range (within the chemical & temperature limits). Specifically formulated for severe corrosive environments etc.

PRODUCT INFORMATION

BASE:	Modified Superior Vinyl Ester Novalac resin re-inforced with treated micronized Glass Flake and proprietary ingredients and additives.
CATALYST:	GH 400
COLOUR AVAILABILITY:	Beige / Off – White
VOLUME SOLIDS:	100%
DFT PER COAT / RANGE:	400μ-500μ / Coat
TEMPERATURE RESISTANCE:	120 ⁰ C – Wet, 180 ⁰ C – Dry
FLASH POINT:	30 ⁰ C
PACKAGING:	20 Kg (Pack Size)
STORAGE LIFE:	3 Months (Storage below 25 ⁰ C, drums to be inverted periodically during storage. Keep away from sunlight / direct heat sources)

APPLICATION PROCEDURE: -

- **SURFACE PREPARATION:** Minimum SA 2 ½ in accordance with SSPC Standards for metallic substrate. For Concrete, surface should be dry free of oil, grease, loose lattice etc. (SSPC Standards)
- **ENVIRONMENTAL CONDITIONS:** R.H.<85%, Air temperature above dew point of surrounding air. Substrate temperature > 3⁰C

THEORETICAL COVERAGE:	1.6m ² / Kg @ 1000μ
MIXING RATIO:	100: 1.5-2. Base to Catalyst by Weight(or as mentioned on the material tins)
CURING:	<ul style="list-style-type: none"> • Touch Dry - 1 hour @ 25°C, • Full Cure 24 – 48 hours depending on the Temperature.
POT LIFE	30 – 40 mins at 25 °C (Comes down as temperature increases)
APPLICATION:	Airless Spray Machine 65:1 Pump with a twist tip, Brush / Roller.
CLEANNING SOLVENT:	GBS 400 before gelling
THINNER:	No thinner is recommended. It will adversely affect the performance of the coating.

- **OVERCOATING TIME PERIOD:**
Subsequent coats can be applied once coating is Touch Dry. Over coating time is unlimited subject to existing surface being clean, sanding or sweep blasting if required
- **SAFETY PRECAUTIONS:** Winone Product Technologies Pvt. Ltd. Management is intended on ensuring all work is carried out in accordance with companies QAP (Quality Assurance Plan) and Health and Safety Procedures.

DISCLAIMER:

The information contained herein is to best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall WPT be liable for consequent or incidental damages. Due to continuous R&D and improvement in the technology, we reserve our option to change the specifications and presentations.